U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

SAFETY DATA SHEET
02/18/2014
PRODUCT NAME: RUST CURE (REG) SYNONYMS: RUST REMOVER/CONVERTER

SECTION 1
IDENTIFICATION
MANUFACTURER! TRI-WIN PRODUCTS, 401 N. MAIN ST. WEST, TX. (DIV. WIN-CHEKD INC.)
MAIL: P. O. BOX 5274, WACO, TX 75708-0274.
EMERGENCY CONTACT: 800/523-4149 (NON EMERGENQY PHONE/FAX 254/756-4479).
TRADE NAME: RUST-CURE (REG).
PREPARED BY: JAMES G. WINTON.
SECTION 2
HAZARD(S)IDENTIFICATION
HAZARDOUS INGREDIENTS: PHOSHORIC ACID (28% SOLUTION BY WEIGHT).
OSHA PEL 1-MG/3, TLV 1-MG/M3, CAS # 7664-38-2.
OTHER COMPONENTS: NOT LISTED – BELOW REPORTING LEVEL OR NON-HAZARDOUS.
(EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT 1996 40 CFR 372).
PRECAUTIONARY LABELING: HEALTH: 2, FLAMABILITY: 0, REACTIVITY: 0, CONTACT: 1
KEEP OUT OF THE REACH OF CHILDREN. IN CASE OF SPILLING, FLUSH WITH WATER.

SECTION 3
COMPOSITION & INFORMATION ON INGREDIENTS
CONCENTRATION! 28% PHOSPHORIC ACID CONTENT BY WEIGHT.
BLENDING: TECH GRADE PHOSPHORIC ACID, WATER AND SUPPORTING INGREDIENTS.
SHELF LIFE: MANY YEARS IF MAINTAINED IN MANUFACTURERS BOTTLES, JUGS, DRUMS.
COLORINGI MAY FADE IN DIRECT SUNLIGHT, (PRODUCT PERFORMANCE STABLE).

SECTION 4
FIRST AID MEASURES
SKIN CONTACT: FLUSH WITH RUNNING WATER THEN BAKING SODA SOLUTION.
IF IRRITATION PERSISTS GET MEDICAL ATTENTION.
EYE CONTACT: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF RUNNING WATER.
CALL PHYSICIAN IF NEEDED.
INGESTION: GIVE LARGE QUANTIES OF WATER, MILK OR SUBSTITUTE. D0 NOT INDUCE VOMITING.
DO NOT DRINK CARBONATED WATER. CALL A PHYSICIAN IF NEEDED.
INHALATION: REMOVE FROM CONTAMINATED AREA.
APPLY ARTIFICIAL RESPIRATION IF NECESSARY. CALL A PHYSICIAN IF NEEDED.

SECTION 5
FIRE FIGHTING MEASURES
FIRE & EXPLOSION: NON FLAMABLE.
FIRE EXTINGUISHING: USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.
FIRE FIGHTING METHODS: FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATING IN A POSITIVE PRESSURE MODE.
TOXIC GAS PRODUCED: REACTION W|TH CERTAIN METALS CAN PRODUCE FLAMABLE HYDROGEN GAS,
ESPECIALLY WHEN WELDING OR USING OTHER TYPES OF HEATING APPLICATIONS.

PROVIDE ADEQUATE VENTILATION WHEN APPLYING, NON-POLYMERIZING.
EXPLOSION DATA: NO SENSITVITY To MECHANICAL IMPACT. NO SENSITIVTY TO STATIC DISCHARGE.

SECTION 6
ACCIDENTAL RELEASE MEASURES
SMALL SPILLS: DILUTE WITH WATER AND MOP UP, OR ABSORB WITH AN INERT DRY MATERIAL
AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER. IF NECESSARY NEUTRALIZE
THE RESIDUE WITH A DILUTE SOLUTION OF SODIUM BICARBONATE.
LARGE SPILLS: STOP THE LEAK IF WITHOUT RISK. Absorb with dry earth, sand or other non-combustible material PREVENT ENTRY INTO SEWER OR CONFINED AREAS. Call for assistance on disposal.

SECTION 7
HANDLING & STORAGE
STORAGE: STORE IN HIGH DENSITY POLYETHYLENE, RUBBER LINED, FIBER GLASSED 0R 316 STAINLESS STEEL CONTAINERS. DO NOT STORE IN EXTREME HEAT OR COLD AREAS.
HANDLING: AVOID LEAKAGE ON FLOORS.
EXTENDED CONTACT: WILL DETERIORATE CONCRETE, WOOD OR METAL SURFACES..

SECTION 8
EXPOSURE CONTROLS & PERSONAL PROTECTION
VENTILATION: USE GENERAL OR LOCAL EXHAUST VENTILATION
TO MEET TLV REQUIREMENTS AND TO MINIMIZE EXPOSURE.
RESTPIRATORY PROTECTION: REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV
USE NIOSH APPROVED EQUIPMENT WITH FULL FACE PIECE.
FOLLOW RESPIRATOR MANUFACTURER'S RECOMMENDATIONS.
EYE & SKIN PROTECTION: SAFETY GOGGLES SHOULD BE WORN. PROTECTIVE CLOTHING AND RUBBER
OR PLASTIC GLOVES ARE RECOMMENDED FOR EXTENDED USE

SECTION 9
PHYSICAL & CHEMICAL PROPERTIES
PHYSICAL DATA: BOILS: 250F 140 c, FREEZES: 18F»8 c, SPECIFIC GRAVITY: 1.23, SOLUBILITY: 100%, PH .74.
ODOR: MILD ACIDIC
APPEARANCE: MEDIUM TO DARK GREEN LIQUID
PRODUCT NAME: RUST CURE
FORMULA: PHOSPHORIC ACID BLEND (CLEANING COMPOUND FOR CORROSIVE SURFACES).

SECTION 10
STABILITY & REACTIVITY
STABILITY! UNDER NORMAL CONDITIONS PRODUCT REMAINS STABLE.
AVOIDI CONTACT WITH STRONG ALKALIS AND CONCRETE FLOORS AND
WASH SPILLS WITH LARGE QUANTITIES OF WATER OR SUBMERGE.
INCOMPATIBILITY: REACTS WITH ALKALIS, SOME METALS AND COMBUSTABLES.
DECOMPOSITION: AVOID CONTACT WITH CLOTHINGS, SPRINGS AND GUN METALS.
FINE METALS: FOLLOWING APPLICATION, WASH IMMEDIATELY TO PREVENT ETCHING,
(EXAMPLES ARE BRONZE, BRASS, COPPER, SILVER ETC.)

FERROUS METALS: NEVER WASH OR ALLOW ATMOSPHERIC DILUTION BEFORE DRYING.
(ACELLERATE DRYING TIME WITH SUNSHINE, FLAME OR BLOW DRYERS).

SECTION 11
TOXICOLOGICAL INFORMATION
SKIN CONTACT IRRITANT: WEAR PROTECTIVE GLOVES AND PROTECTIVE CLOTHING.
EYE CONTACT IRRITANT: WEAR PROTECTIVE GLASSES.
INTERNAL IRRITANT: DO NOT DRINK OR SWALOW.
INHALATION IRRITANT: USE ONLY IN WELL VENTILATED AREA.
EMERGENCY 8: FIRST AID: CALL PHYSICIAN OR 911 IF NEEDED.
SKIN: FLUSH WITH RUNNING WATER THEN BAKING SODA SOLUTION.
EYES: FLUSH IMMEDITELY WITH LARGE QUANTITIES OF WATER.
INGESTION: GIVE LARGE QUANTITIES OF WATER, MILK OR SUBSTITUTE.
DO NOT: INDUCE VOMITING OR DRINK CARBONATED WATER.
INHALATION: REMOVE FROM CONTAMINATED AREA.
(APPLY ARTIFICIAL RESPIRATION IF NECESSARY).

SECTION 12
ECOLOGICAL INFORMATION
ECOTOXICITY: NOT APPLICABLE TO AQUATIC AND TERESTIAL
PERSISTENCE AND DEGRADABILITY: BIODEGRADABLE
BIOACCUMULATIVE POTENTIAL: NOT APPLICABLE
MOBILITY IN SOIL: NOT APPLICABLE
OTHER ADVERSE EFFECTS: NONE KNOWN

SECTION 13
DISPOSAL CONSIDERATIONS
ACTIONS:
SMALL SPILLS: NEUTRALIZE WITH SODA ASH AND FLUSH WITH LARGE AMOUNTS OF WATER.
LARGE SPILLS: PUMP To A SODA ASH OR SLACK LIME SOLUTION. DISPOSE WITH MUCH WATER
IN LARGE CONTAINERS FOR TRANSPORT TO A LOCAL TREATMENT FACILITY.
PERSONNEL: PROVIDE WASHING, SHOWERS AND PROTECTIVE GEAR FOR WORKING.

SECTION 14:
TRANSPORTATION
DOMESTIC: (DOT: ORM-D)
PROPER SHIPPING NAME: CONSUMER COMMODITY
HAZARD: CLASS 8
UN NUMBER: 1805 - PACKING GROUP 3
FRT. CLASSIFICATION: PHOSPHORIC ACID SOLUTION, 8,
UN1805, PG3,RQ (28%)

INTERNATIONAL: (I.M.O.) (DOT: ORM—D)
PROPER SHIPPING NAME: CONSUMER COMMODITY
HAZARD: CLASS 9
UN/NA NUMBER: 1805 PACKING GROUP 3
FRT. CLASSIFICATION: PHOSPHORIC ACID SOLUTION, 8,
UN1805, PG m, RQ (28%)
MARINE: NON—POLUTANT

SECTION 15
REGULATORY INFORMATION
REFERENCE: SEE SAFETY, HEALTH AND ENVIROROMENTAL REGULATIONS SPECIFIC FOR ORM-D PRODUCTS.

SECTION 16
OTHER INFORMATION

THE INFORMATION IN THIS MATERIAL DATA SHEET MEETS THE REQUIREMENTS OF THE UNITED STATES
OCCUPATIONAL SAFETY & HEALTH AND REGULATIONS PROMULGATED THERE UNDER (Z9 CFR 191O.12O0 ET
SEQ.) THIS DOCUMENT IS INTENDED AS A GUIDE. THE USER IS RESPONSIBLE FOR DETERMINING THE
PRECAUTIONS AND DANGERS OF THIS CHEMICAL FORMULATION FOR USERS PARTICULAR APPLICATION.
SUPPLIER CANNOT WARN OF ALL THE POTENTIAL DANGERS OF USE OR INTERACTION WITH OTHER
CHEMICALS OR MATERIALS, THEREFORE DISCLAIMS ANY WARRENTIES EXPRESSED OR IMPLIED WITH REGARD
TO IT'S MERCHANBILITY OR IT'S FITNESS FOR A PARTICULAR PURPOSE. THE READER IS RESPONSIBLE FOR
READING ALL PRECAUTIONARY INFORMATION AND HANDLING ACCORDINGLY.

SEE WWW.RUST-CURE.COM FOR ADDITIONAL INFORMATION